GORENBEYN, Ye.Ya. (Kiyev)

Effect of the nature of the cations and anions on the viscosity of electrolyte solutions in solvents with low dielectric constants. Zhur. fiz. khim. 35 no.3:492-500 Mr '61. (MIRA 14:3)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk, Kiyev.
(Electroliyte solutions) (Viscosity)

GORENBEYN, Ye.Ya.

Constant value of the product of maximum rated equivalent electroconductivity and solvent viscosity. Zhur.fiz.khim. 35 no.9:2156-2157 '61. (MIRA 14:10)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.
(Electrolyte solutions)

40372

S/185/62/007/008/006/008
D234/D308

S.Ukr.

AUTHOR: Gorenbeyn, Ye.Ya.

TITLE: Effect of the dielectric constant of the solvent on the viscosity of electrolytic solutions

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal. v. 7, no. 8, 1962, 887 - 891

TEXT: Viscosity of the solutions of $LiBr.Al_2Br_6$, $NaBr.Al_2Br_6$ and $AgBr.Al_2Br_6$ in benzene and ethyl bromide as well as of $N(C_2H_5)_4Br$ in $HCOOCH_3$, CH_2Cl_2, $CHCl_3$ and CH_3COOH was investigated experimentally. Graphs of the dependence of viscosity on concentration at 250C are given. Additional graphs of the viscosity of solutions in ethyl bromide, multiplied by the ratio of viscosities of benzene and ethyl bromide, and of viscosity of the solutions of $N(C_2H_5)_4Br$ as above, multiplied by the ratio of the viscosity of the respective solvent and that of $HCOOCH_3$, are plotted. The latter graphs

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show an increase of viscosity with decrease of the dielectric constant of the solvents; in particular, the curves of reduced viscosity of solutions of the same substance in different solvents nearly coincide in case of small concentrations. There are 5 figures.

ASSOCIATION: Ukrainskaya akademiya sel'skokhozyaystvennykh nauk
(Ukrainian Academy of Agricultural Sciences)

X

GRINBERG, Ye.Ya.

Complex formation in the systems $AlBr_3$ - $(iso\text{-}C_5H_{11})_2O$ - $C_6H_5NO_2$ and $AlBr_3$ - $(iso\text{-}C_5H_{11})_2O$ - C_2H_5Br. Zhur.neorg.khim. 7 no.11:2627-2629 N '62. (MIRA 15:12)
(Systems (Chemistry)) (Complex compounds)

GORENBEYN, Ye.Ya.

Role of dielectric strength of the medium in the formation of conductive solutions. Ukr. khim. zhur. 28 no.1:59-66 '62. (MIRA 16:8)

1. Akademiya sel'skokhozyaystvennykh nauk, Kiyev.

GORENBEYN, Ye.Ya.; SMOLENTSEV, P.I.

Relation between the dielectric constant of the solvent and the viscosity of electrolyte solutions. Part 2: Systems AgBr . Al_2Br_6 - C_6H_6 and AgBr . Al_2Br_6 - C_2H_5Br. Ukr.khim.zhur. 28 no.2:185-187 '62. (MIRA 15:3)

1. Ukrainskaya akademiya sel'skokhozyzystvennykh nauk
(Systems (Chemistry)) (Dielectrics) (Electrolyte solutions)

GORENBEYN, Ye. Ya.

Reactions of lithium halides with acetic acid in acetone.
Ukr. khim. zhur. 28 no.6:673-674 '62. (MIRA 15:10)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.

(Lithium halides) (Acetic acid)

GORENBEYN, Ye.Ya.; SUKHAN V.V.

Complex formation in the system $AlBr_3$ - $(C_4H_9)_2O$ - C_6H_5Cl. Ukr. khim. zhur. 28 no.7:799-801 '62. (MIRA 15:12)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.
(Complex compounds) (Systems(Chemistry))

GORENBEYN, Ye.Ya.; SIKHAN, V.V.

Complex formation of aluminum bromide with acetone in nitrobenzene.
Zhur.neorg.khim. 8 no.2:360-365 F '63. (MIRA 16:5)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.
(Aluminum bromide) (Acetone)

GORENBEYN, Ye.Ya.; FOMINSKAYA, A.A.

Complex formation and composition of the precipitates formed in the systems: $MnSO_4$ - $K_3Fe(CN)_6$ - H_2O, KI - $Hg(NO_3)_2$ - H_2O, and $AlBr_3$ - C_5H_5N - C_6H_6. Zhur. neorg. khim. 8 no.6:1473-1478 Je '63. (MIRA 16:6)

1. Ukrainskaya akademiya sel'skokhozoaystvennykh nauk.
(Systems(Chemistry))
(Complex compounds)

GORENBEYN, Ye.Ya.; SUKHAN, V.V.

Interaction of $AlBr_3$ with $(C_4H_9)_2O$ and with $C_6H_5NO_2$ in n-dibutyl ether and nitrobenzene as solvents. Ukr.khim.zhur. 29 no.1:43-46 '63. (MIRA 16:5)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya.
(Aluminum bromide) (Butyl ether) (Nitrobenzene)

GORENBEYN, Ye.Ya.; SUKHAN, V.V.; ABARBARCHUK, F.I.

Interaction of $SnBr_4$ with $AlBr_3$ and of $SbCl_3$ with $AlCl_3$ in nitrobenzene as solvent. Ukr. khim. zhur. 29 no.8:797-805 '63. (MIRA 16:11)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya.

GORENBEYN, Ye.Ya.; FOMINSKAYA, A.A.

Molecular compounds of lithium halides with acetic acid.
Ukr. khim. zhur. 29 no.8:874-876 '63. (MIRA 16:11)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya.

GORENBEYN, Ye.Ya.; KAVETSKIY, N.S.

Method of determining the decomposition potential of fused salts by means of a glass membrane. Zhur.fiz.khim. 37 no.1:174-176 Ja '63. (MIRA 17:3)

1. Akademiya sel'skokhozyaystvennykh nauk UkrSSR.

GORLENKO, Ye.Ya.; FORMINSKAYA, A.A.

Reactions of lithium halides with water and diethyl ether in acetone. Zhur. neorg. khim. 9 no.9:2153-2158 S '64.
(MIRA 17:11)

GORENBEYN, Ye.Ya.; RUSIN, G.G.

Solutions of LiBr. Al_2Br_6 in terahydrofuran. Zhur. neorg. khim. 9 no.10:2463-2468 O '64. (MIRA 17:12)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya.

GORENBEYN, Ye.Ya.; RUSIN, G.G.

Effect of alkali metal cations on the viscosity of toluene and xylene solutions. Ukr. khim. zhur. 30 no.6:582-589 '64. (MIRA 18:5)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya.

GORNIBETH, Ye.Ya.

Complex formation of pyridine with bromine in nitrobenzene as solvent. Ukr. khim. zhur. 30 no.7:720-722 '64
(MIRA 18:1)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya.

KOFANOV, Ye.A., SUKHAN, V.V.

Reaction of urea with nitric acid in aqueous solution.
Zhur. neorg. khim. 10 no.7:1701-1705 Jl '65. (MIRA 18:8)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya.

GORENBEYN, Ye.Ya.; RUSIN, G.G.

Relation between the dielectric constant of the solvent and the viscosity of electrolyte solutions. Part 3: Systems lithium halides - solvent (mixture of CH_3COOH and $(CH_3)_2CO$). Ukr. khim. zhur. 31 no.3:282-286 '65. (MIRA 18:4)

GORENBEYN, Ye.Ya.; FOMINSKAYA, A.A.

Reaction of aluminum bromide with nitromethane in chlorobenzene as a solvent. Ukr. khim. zhur. 31 no.6:553-556 '65. (MIRA 18:7)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya.

GORENBEYN, Ye.Ya., RUSIN, G.G.

Effect of dielectric constant of the solvent and of the nature of anions on the viscosity of lithium halide solutions. Zhur. fiz. khim. 39 no.5:1211-1219 My '65. (MIRA 18:8)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya, Kiyev.

GORENBEYN, Ye.Ya.; RUSIN, G.G.

Complex formation of $AlBr_3$ and LiBr, Al_2Br_6 with tetrahydrofuran in benzene and nitrobenzene. Zhur. neorg. khim. 10 no.2:458-461 F '65. (MIRA 18:11)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya. Submitted Apr. 8, 1964.

GORENBEYN, Yu.Ya. [Horenbein, IU.IA.]; KAVETS'KIY, M.S. [Kavets'kyi, M.S.]

Determining the decomposition voltage of molten salts in graphite crucible blocks. Nauk. pratsi UASHN 17 no.12:167-169 '60. (MIRA 16:7)

(Electrolysis) (Fused salts)

GORENBURG, I.O., inzh.; FEYGIN, I.A., inzh.

Reception of ultrashortwave radiobroadcasting stations. Trudy Sekt. radiofik. i VRS Ukr. NTORiE no.3:5-9 '56. (MIRA 12:1)
(Radio, Shortwave--Receivers and reception)

[redacted]

[redacted] (MIRA 18:10)

BROUNSHTEYN, B.I.; BEZDEL', L.S.; GORENBURG, V.P.; SOKOLOVA, Ye.A.

Modeling of liquid-liquid extraction processes in pulse columns.
Trudy VNIIneftekhim no.5:148-195 '62. (MIRA 15:7)
(Extraction (Chemistry))

BRUNSHTEYN, B.A.; GORENBURG, V.P.; KLIMENKO, V.L.; FUKS, Ye.Sh.; TSYRKIN, Ye.B.

Optimalizing the production of automobile gasoline in a petroleum refinery. Nefteper. i neftekhim. no.12:3-7 '63. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

KOSTA,L.; GORENC,P.

Rapid radiochemical separation of cesium, abstract. Glas Hem dr 27 no.9/10:494 '64

1. Jozef Stefan Nuclear Institute, Ljubljana.

L 15101-66 EWT(1)/EWP(e)/EWT(m)/T/EWP(t)/EWP(b) IJP(c) JD/GS

ACC NR: AP6004456 SOURCE CODE: UR/0048/66/030/001/0012/0016

60

B

AUTHOR: Ignatchenko,V.A.; Kuz'min, Ye.V.; Gorenko,L.M.

ORG: Institute of Physics of the Siberian Section of the Academy of Sciences, SSSR (Institut fiziki Sibirskogo otdeleniya Akademii nauk SSSR)

TITLE: Influence of damping on the magneto-elastic vibration spectrum of a thin magnetic film /Transactions of the Second All-Union Symposium on the Physics of Thin Ferromagnetic Films held at Irkutsk 10 July to 15 July, 1964/

21,44,55

III

SOURCE: AN SSSR. Izvestiya.Seriya fizicheskaya, v.30, no. 1, 1966, 12-16

TOPIC TAGS: ferromagnetic film, magnetic thin film, magnetodielectrics, magnetostriction, spin wave, resonance line, relaxation process,

ABSTRACT: Two of the authors have previously calculated the discrete spectrum of the characteristic vibrations of a thin magnetic film 44,55 due to exchange and magnetoelastic interactions (V.A.Ignatchenko and Ye.V.Kuz'min, Zh. eksperim. i teor. fiz., 47, 1814 (1964)). In the present paper the widths and amplitudes of the corresponding lines are calculated. Terms are adduced to describe the relaxation of the spin and phonon systems, and linearized equations are written for the magnetization and the elastic displacement under the influence of a high frequency external field in a thin uniaxial ferromagnetic dielectric film which is isotropic with regard to its elastic and magnetostrictive properties. It is stated that this equation can be derived by the method

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ACC NR: AP6004456

employed in the earlier paper. The dispersion equation for plane waves propagating perpendicular to the plane of the film is written. For right-hand polarized waves this equation describes slightly modified elastic waves; these solutions are not further discussed. For left-hand polarized waves the dispersion equation describes magnetoelastic vibrations. The roots of the dispersion equation corresponding to magnetoelastic vibrations are discussed at some length. The spectrum is made discrete by imposing the boundary conditions that the elastic stresses vanish and the spins are pinned at the boundary, and expressions are derived for the widths and amplitudes of the resonance lines. Orig. art. has: 29 formulas and 2 figures.

SUB CODE: 20 SUBM DATE: 00 ORIG. REF: 002 OTH REF: 000

Card 2/2

GORENKO, T. V.

USSR / Physical Chemistry - Surface Phenomena, Adsorption, Chromatography, Ion Interchange. B-13

Abs Jour : Ref Zhur Khim., No.1, 1958, No. 613.

Author : P.K. Migal', T.V. Gorenko.

Inst : Kishinev University.

Title : Study of Dynamic Adsorption of Alcohols from Solutions.

Orig Pub : Uch. zap. Kishinevsk. un-ta, 1957, 27, 111 - 118.

Abstract : Adsorption of isobutyl (I) and isoamyl (II) alcohols from toluene solutions on active aluminum oxide was studied under static and dynamic conditions. The solution composition was determined by the refractometric method. The static sorbent activity for I reaches $5.8 \cdot 10^{-4}$ and that for II reaches $6.3 \cdot 10^{-4}$ mole per g. Shilov's equation is applicable to the dynamic adsorption, as well as to the vapor adsorption; the filter work factor is inversely proportio-

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USSR / Physical Chemistry - Surface Phenomena, Adsorption, Chromatogrpahy, Ion Interchange. B-13

Abs Jour : Ref Zhur Khim., No.1, 1958, No. 613.

Abstract : nal to the initial solution concentration.

GORENKO, T.V.

Frontal analysis of alcohols. Izv.vys.ucheb.zav.; pishch. tekh. no.4:155-160 '59. (MIRA 13:2)

1. Chernovitskiy gosudarstvennyy universitet. Kafedra fizicheskoy khimii.
(Chromatographic analysis) (Alcohol)

GORENKO, T. V., Cand Chem Sci -- (diss) "Research into dynamic adsorption of alcohols by a method of frontal analysis." Chernovtsy, 1960. 17 pp with charts; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Chernovtsy State Univ, Chair of Physical Chemistry); 200 copies; price not given; (KL, 27-60, 149)

GORENKO, T. V.; NAUMOVA, L. N.

Formation of the curves of yield in elution analysis. Izv. vys.ucheb.zav.; pishch.tekh.no. 2:148-152 '64. (MIRA 17:5)

1. Chernovitskiy gosudarstvennyy universitet, kafedra fizicheskoy khimii.

23966

S/128/61/000/004/003/003
A054/A133

11560 AC20 1496, 1454

AUTHOR: Gorenko, V. G.

TITLE: Defects arising during the centrifugal casting of non-ferrous alloys

PERIODICAL: Liteynoye proizvodstvo, no. 4, 1961, 37 - 38

TEXT: In order to discover the causes of pit and blister formation in centrifugal castings the temperature distribution was studied in 3 zones of the ingot mold: 1) between the nearer end of the mold and the nearer end of the tract covered by the metal flow; 2) the ring on which the metal is poured; 3) between the rear end of this ring and the rear surface of the mold. It was found that the formation of pits and blisters depends on the crystallization temperature range. In pure metals and alloys with a short crystallization interval (binary brass alloys as ЛК 80-3л /LK 80-3l/, aluminum-bronze, etc.) there are no pits and blisters, because these metals show a low density at the beginning of the crystallization and this promotes the removal of gases. In alloys, however, with a long crystallization interval (Бр. 04 10-1 /Br. 04 10-1/, Бр. ОЦС 6-8-3 /Br. OTsS 6-8-3/, Br. OTsS

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S/128/61/000/004/003/003
A054/A133

Defects arising during the centrifugal...

5-5-5, Br. OTsS 4-4-17) pits and blisters form profusely. Pits of small size are mainly found in the II and III zone, with a maximum depth of 1.5 - 2.0 mm. Medium sized pits are formed either on account of air trapped in the II and III zone or by the effect of moisture evaporation. This must be put down to the paint coating of the ingot mold which has not had time to dry fully. Large-sized and deep pits are usually found in the II and III zone when the metal is poured into a cold mold not yet rotating at full speed. Blisters as a rule have two distinct shapes and are due to two causes. Some of them form as a continuation of enlarged pits, in which the entrapped air is under high pressure, causing microfractures in the pit through which more air penetrates. Another type of blister is formed when some elements of the alloy have a lower rimming temperature than the temperature at which the metal is tapped from the furnace. When, however, the metal is poured into the mold at tapping temperature, pits are found in the centrifugal casting. Various pit and blister shapes and their evolution mechanism are shown in illustrations. To prevent the formation of pits and blisters, metals, in which such defects are likely to occur must be poured into molds pre-heated to a maximum of 120°C. When pouring alloys, in which high-melt-

Defects arising during the centrifugal...

ing oxide inclusions are formed (aluminum-bronze), the mold has to be heated to a higher temperature. Small-sized pits can be prevented by eliminating the burning-out of the ingot mold surface, by painting it carefully and drying the coating thoroughly. Flawless castings in hot molds can be obtained only by pouring the greatest possible amount of metal in one second, (for instance in case of Бр. ОФ 10-1 /Br. OF 10-1/ bronze: 22 - 28 kg/sec) and at a low temperature of the metal. Small, shallow pits can usually be removed by machining. Large pits and blisters can be brazed. In the Bol'shevik Plant (Kiyev), the total rejects of centrifugal casting amount to 1.8 - 2.3%, whereas rejects due to pits and blisters is 0.6 - 1.0%, of which 0.2 - 0.5% can still be corrected by gas brazing. There are 4 figures.

VASHCHENKO, K.I.; GORENKO, V.G.

Exothermic mixture for the heating of riser heads on steel castings. Lit. proizv. no.7:2-5 Jl '63. (MIRA 17:1)

GORENKO, V.G.; PRONIN, Yu.A.; MARKEVICH, A.P.

Determining the linear speed of metal pouring. Lit. proizv. no.8:34 Ag '63. (MIRA 16:10)

GORENKO, V.G.; PRONIN, IU.A. [Pronin, Yu.A.]; MARKEVICH, A.P.

Determining linear speed of metal pouring. Ratsionalizatsiia 13 no. 12:18 '63.

GOREN'KOV, M.P.

Chisel attachment for cutting out mortise quarters in chair frames.
Der.prom. 11 no.12:22-23 D '62. (MIRA 16:1)
(Chairs) (Woodworking machinery)

GOREN'KOV, M.P.

Bent chairs made from birch wood and soft hardwood species. Der. prom. 12 no.1:17-18 Ja '63. (MIRA 16:5)
(Chairs)

GCREN'KOV, M.P.

Apparatus for gluing the frame of a round extension table. Der. prom. 12 no.3:21-22 Mr '63. (MIRA 16:5)
(Tables) (Carpentry—Tools)

GOREN'KOV, M.P.

Technology of ski finishing at the Novovyatsk Woodworking Combine No. 1. Der. prom. 12 no.12:18-19 D '63.
(MIRA 17:3)

GORENKOV, P.

Improve the training of voluntary firemen. Mekh.-elev.prom. 22 no.10-24 O '56. (MLRA 9:12)

1. Nachal'nik inspektsii Vnutrenney okhrany Yaroslavskogo tresta Rosglavmuki.
(Fire extinction--Study and teaching)

GORENKOV, P.

Membrane-type breaker for stationary conveyers. Muk.-elev. prom. 23 no.3:25 Mr '57. (MLRA 10:5)

1. Shcherbakovskaya mel'nitsa No. 12.
(Conveying machinery--Electric driving)

GORENKOV, P.

Expensive and bad. Pozh.delo 6 no.12:32 D '60. (MIRA 13:12)

1. Starshiy inspektor otdela okhrany Yaroslavskogo oblastnogo upravleniya khleboproduktov.
(Fire departments—Equipment and supplies)

GORENKOV, P.

Fire prevention concerns everybody in an enterprise. Muk.-elev. prom. 27 no.6:26-27 Je '61. (MIRA 14:6)

1. Starshiy inspektor Yaroslavskogo oblastnogo upravleniya khleboproduktov.

(Grain mills)
(Fire prevention)

GORENMAN, Z.A.

Increasing productivity of the tomato section. Kons. i ov. prom. 13 no.11:8 N '58. (MIRA 11:11)

1. Nachal'nik tomatnogo tsekha Odesskogo konservnogo kombinata.
(Odessa Province--Tomatoes--Preservation)

GORENSHTEYN, A.

Semisuspended front-end ZhSF-1,8 combined reaper and binder. Trakt. i sel'khozmash. 31 no.12:25-26 D '61. (MIRA 15:1)

1. Pribaltiyskaya mashinoispytatel'naya stantsiya.
(Harvesting machinery)

VARENTSOV, Vladimir Semenovich; GORENSHTEYN, Azar Borisovich; PREOBRAZHENSKIY, Valentin Aleksandrovich; CHUBAROV, Nikolay Dmitriyevich; KOLOTUSHKIN, V.I., redaktor; FRIDKIN, A.M., tekhnicheskiy redaktor.

[Milled peat] Frezernyi torf. Moskva, Gos.energ.izd-vo, 1955. 272 p. (Peat) (MLRA 9:4)

GORENSHTEYN, A.B., starshiy nauchnyy sotrudnik

Bunker-type pneumatic machine for the winning of milled peat.
Torf.prom. 35 no.2:30 '58. (MIRA 11:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promyshlennosti.
(Peat machinery)

GORENSHTEYN, A.B., kand.tekhn.nauk

BPF-1 pneumatic combine for winning milled peat. Torf.prom. 36 no.1: 25-27 '59. (MIRA 12:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promyshlennosti.
(Peat machinery)

GORENSHTEYN, A.D.; CHUBAROV, N.D.; KOLOTUSHKIN, V.I., red.; LAZAREV, A.V., dots., nauchnyy red.; LARIONOV, G.Ye., tekhn. red.

[New machinery for the winning of milled peat] Novye mashiny dlia dobychi torfa frezernym sposobom. Moskva, Gos. energ. izd-vo, 1961. 135 p. (MIRA 15:3)
(Peat machinery)

GORENSHTEYN, A.B., kand. tekhn. nauk; KASHCHENKO, L.S.

Efficiency of air separation from milled peat in cyclone-bunker separators. Trudy VNIITP no.18:17-24 '61.
(MIRA 17:1)

GORENSHTEYN, A.B., kand.tekhn.nauk

Experience in the operation of pneumatic "BPF-2" peat winning and loading machine units during the 1961 season. Torf.prom. 39 no.2:1-4 '62. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promyshlennosti.

(Peat machinery)

GORENSHTEYN, A. B.; CHISTYAKOV, V. I.

"Winning of milled and sod peat."

Report submitted for the 2nd International Peat Congress, Leningrad, 15-22 Aug 63.

GORENSHTEYN, Azar Borisovich, kand. tekhn. nauk; LAVROV, Aleksandr Petrovich, inzh.; KHUDSKIY, Nikolay Nikolayevich, inzh.; CHUBAROV, Nikolay Dmitriyevich, inzh.; KOLOTUSHKIN, V.I., red.

[Handbook for using the BPF pneumatic cutter-loaders] Rukovodstvo po ekspluatatsii pnevmaticheskikh kombainov BPF. [By] A.B.Gorenshtein i dr. Moskva, Izd-vo "Energiia," 1964. 183 p. (MIRA 17:8)

GORENSHTEYN, A.M., inzh.

KRN-ZK cultivator-scarifier. Trakt.i sel'khozmash. 30 no.10: 31-32 O '60. (MIRA 13:9)

1. Pribaltiyskaya mashinoispytatel'naya stantsiya.
(Cultivators)

GORENSHTEYN, B. B. :

GORENSHTEYN, B. V. "The use of the multi-stage reticular designs for the steel housing of a cupola." Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obraztsov. Leningrad, 1956.

SO: Knizhnaya letopis
No 21 1956. Moscow

IVANOV, Nikolay Filippovich; GORENSHTEYN, B.I., retsenzent; EYKHENVAL'D, A.V., kandidat ekonomicheskikh nauk, dotsent, redaktor; TEMKIN, A.V., redaktor izdatel'stva; POPOVA, S.M., tekhnicheskiy redaktor

[Operational planning; planning machine inspection every ten days at machine building plants producing in lots] Operativnoe planirovanie; podekadnoe, mashinokomplektnoe planirovanie na mashinostroitel'nykh zavodakh seriinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 105 p. (MLRA 10:3)
(Machinery industry)

KORZUN, Petr Petrovich; SLODKEVICH, Natal'ya Ivanovna; SATEL', E.A., professor, doktor tekhnicheskikh nauk; GORENSHTEYN, B.I., inzhener, retsenzent; METT, G.Ya., dotsent, redaktor; BOGOLYUBOVA, I.Yu., redaktor izdatel'stva; MATVEYEVA, Ye.N., tekhnicheskiy redaktor

[Planning operations and production in machine building plants; opranization by work schedules] Operativno-proizvodstvennoe planirovanie na mashinostroitel'nom zavode; organizatsiia raboty po grafiku. Pod red. E.A.Satelia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 191 p. (MLRA 9:12)
(Efficiency, Industrial) (Machinery industry)

ANDREYEV, Yevgeniy Dmitriyevich; GORENSHTEYN, B.I., retsenzent; KUZNETSOV, B.N., retsenzent; TEMKIN, A.V., red.; SALYANSKIY, A.A., red.izd-va; UVAROVA, A.F., tekhn.red.

[Operational and production planning in machinery plants with piece and small-scale production; organization by work schedules] Operativno-proizvodstvennoe planirovanie na mashinostroitel'nom zavode edinichnogo i melkoseriinogo proizvodstva; rabota po grafiku. Izd. 2., dop. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1958. 218 p. (MIRA 12:2)
(Machinery industry)

BRYANSKIY, G.A., kand. ekon. nauk; BYALKOVSKAYA, T.S., kand. ekon. nauk; KUYLOVA, N.V., inzh; SLOBKER, S.I., kand. ekon. nauk; STEPANOV, A.P., kand. ekon. nauk; KHOLOMINA, O.A., kand. ekon. nauk; GORENSHTEYN, B.I., inzh., retsenzent; SOCHINSKIY, A.R., inzh., red.

[Problems on the organization and planning of machinery-industry enterprises] Sbornik zadach po organizatsii i planirovaniiu mashinostroitel'nykh predpriiatii. [By] G.A. Brianskii i dr. Moskva, Mashinostroenie, 1964. 406 p. (MIRA 17:9)

GORENSHTEYN, B.V., inzhener.

Combined solution for parabolic bins with low spans. Biul.stroi. tekh.13 no.10:18-19 O '56. (MLRA 10:1)

1. Lenpromstroyproyekt.
(Bins) (Steel, Structural)

GORENSHTEYN, B.V.

GOLOLITSYN, O.Z., inzh.; GORENSHTEYN, B.V., inzh.; PITLYUK, D.A., inzh.; SEVEROV, L.F., inzh.

Lightweight wall and floor panels. Biul. tekh. inform. 4 no.3:9-10 Mr '58. (MIRA 11:3)

(Concrete blocks) (Lightweight concrete)

GORENSHTEYN, B.V., kand. tekhn. nauk

Calculating multilayer reinforced concrete construction elements.
Stroi. prom. 36 no. 7:34-37 Jl '58. (MIRA 11:8)
(Precast concrete)

GORENSHTEYN, B.V. (Leningrad)

Designing revolving shells with prestressed bearing rings. Stroi. mekh.i rasch.soor. 2 no.4:43-44 '60. (MIRA 13:7)
(Elastic plates and shells)

PAVLOV, A.P., doktor tekhn. nauk; GORENSHTEYN, B.V., kand. tekhn. nauk;
VINOGRADOV, G.G., inzh.; SPIRIDONOVA, L.Ye., inzh.;
BEKMURZIN, A.G., inzh.

Results of using cylindrical shells. Bet. i zhel.-bet. 9
no.11:489-495 N '63. (MIRA 17:1)

1. Leningradskiy inzhenerno-stroitel'nyy institut (for Pavlov).

KLYACHKO, A.L., inzh.; ODINOV, M.I., inzh.; GLUKHOVSKIY, K.A., kand. tekhn. nauk, inzh., red.; GVOZDEV, A.A., doktor tekhn. nauk, prof., red.; GORENSHTEYN, B.V., kand. tekhn. nauk, red.; KOSTYUKOVSKIY, M.G., kand. tekhn. nauk, red.; KRYLOV, N.A., doktor tekhn. nauk, red.; KUREK, N.M., kand. tekhn. nauk, red.; LEVINSKIY, L.G., inzh., red.; LOBANOV, N.D., inzh., red.; MOROZOV, A.P., inzh., red.; ONIASHVILI, O.D., doktor tekhn. nauk, prof., red.; SAKHNOVSKIY, K.V., doktor tekhn. nauk, prof., red.; FILIN, A.P., doktor tekhn. nauk, prof., red.; YEFIMOV, A.D., inzh., nauchn. red.

[Three-dimensional structural elements in the U.S.S.R.; materials of the All-Union Conference on Precast Reinforced Concrete Three-Dimensional Elements held in November 13-17, 1962 in Leningrad] Prostranstvennye konstruktsii v SSSR; po materialam pervogo Vsesoiuznogo soveshchaniia po sbornym zhelezobetonnym prostranstvennym konstruktsiiam, sostoiavshegosia 13-17 noiabria 1962 g. v Leningrade. Leningrad, Stroiizdat, 1964. 461 p. (MIRA 17:11)

1. Nauchno-tekhnicheskoye obshchestvo stroitel'noy industrii SSSR. Leningradskoye otdeleniye.

LIPNITSKIY, M.Ye., kand. tekhn. nauk; GORENSHTEYN, B.V., kand. tekhn. nauk; VINOGRADOV, G.G., inzh.; ODINOV, N.I., inzh. nauchn. red.

[Reinforced concrete three-dimensional roofs for buildings] Zhelezobetonnye prostranstvennye pokrytiia zdanii. Leningrad, Stroiizdat, 1965. 473 p. (MIRA 19:1)

GORENSHTEYN, B.V.; BEKMURZIN, A.G.; DOBSHITS, M.L., inzh., red.

[Experimental construction of an industrial building with a cylindrical shell type of roof] Eksperimental'noe stroitel'stvo proizvodstvennogo zdaniia s pokrytiem v vide tsilindricheskikh obolochek. Moskva, Stroiizdat, 1964. 15 p. (MIRA 18:12)

1. Nachal'nik tekhnicheskogo otdela tresta No.36 Glavzapstroya (for Bekmurzin). 2. Glavnyy konstruktor otdela Gosudarstvennogo proyektnogo instituta "Lenpromstroyproyekt" (for Gorenshteyn).

GORENSHTEYN, D.N.

Protection of distilled water from impurities. Apt.delo 2 no.2:72 Mr-Ap '53. (MLRA 6:5)
(Water, Distilled)

GORENSHTEYN, D.Ya.

Serious craniocerebral trauma combined with injuries of the trunk and the extremities. Trudy Inst. im. N.V. Sklif. 8: 127-132 '63. (MIRA 18:6)

1. Institut skoroy pomoshchi imeni Sklifosovskogo, Moskva.

ACC NR: AP6017990 SOURCE CODE: UR/0413/66/000/010/0090/0091

INVENTOR: Gorenshteyn, I. A.

ORG: None

TITLE: Pressure indicator with a frequency output signal. Class 42, No. 181848

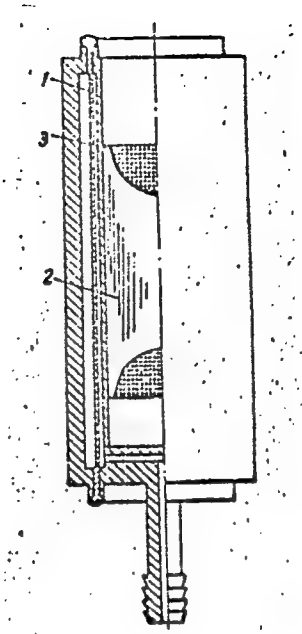
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 10, 1966, 90-91

TOPIC TAGS: pressure measuring instrument, resonator, electronic equipment

ABSTRACT: This Author's Certificate introduces a pressure indicator with a frequency output signal. The instrument contains a thin-walled pressure-sensitive cylindrical resonator which holds a system for excitation of oscillations. The overall size of the resonator is reduced by making the system for excitation of oscillations in the form of a rectilinear ferrite core located along the axis of the cylinder with a constant magnetization winding and an excitation winding connected in one of the arms of a bridge circuit with input and output amplifiers connected in the diagonals.

Card 1/2 UDC: 531;787.9;534.632

ACC NR: AP6017990



1—resonator
2—core
3—winding

SUB CODE: 09/ SUBM DATE: 30Mar65

Card 2/2

PHASE I BOOK EXPLOITATION SOV/6282

Gorenshteyn, I. A., I. A. Shul'man, and A. S. Safaryan

Inertsial'naya navigatsiya (Inertial Navigation). Moscow, "Sovetskoye radio", 1962. 248 p. Errata slip inserted. 9000 copies printed.

Ed. (Title page): G. O. Fridlender, Professor; Ed.: I. M. Volkova; Tech. Ed.: V. V. Belyayeva.

PURPOSE: This book is intended for designers and personnel in the air force, rocketry, and the navy. It can also be used by students in academies and institutes specializing in navigation instrument building.

COVERAGE: The book describes the construction, operating procedure, and adjustment of inertial navigation systems. The following elements of inertial systems are described: gyroscopes, accelerometers, moment-data and angle-data transmitters, and computers. The "state of the art" and prospects in the production of these instruments are reviewed. There are no references.

Card 1/4

GORENSTEYN, I. V.

PA 32/49T83

USSR/Physics Feb 49
Electron Theory
Magnetic Fields, Gases

"The Kinetics of Diamagnetism in Free Electrons,"
I. V. Gorensteyn, Leningrad Polytech Inst,
4 pp

"Zhur Eksper i Teoret Fiz" Vol XIX, No 2

Investigates statically unstable magnetic movements induced by an alternating magnetic field in a free electronic gas included within a potential barrier. Submitted 3 Aug 48.

32/49T83

GORENSHTEYN, I.V.

GORENSHTEYN, I.V. "Spiral Coaxial Lines." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M.I. Kalinin. Leningrad, 1956. (Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya Letopis', No. 18, 1956,

GORENSHTEYN, I. V.

112-1-55

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 1, p. 6 (USSR)

AUTHOR: Gorenshteyn, I. V.

TITLE: Capacitance Calculation of Symmetrical Lines (Raschet yemkosti simmetrichnykh liniy)

PERIODICAL: Inform.-tekhn. sbornik M-vo elektrotekhn. prom-sti SSSR, 1956, 4(88), pp. 3-4

ABSTRACT: An estimate is made of the error of approximate formulas for the capacitance of a two-wire line

$$\left(\varepsilon/C \approx 36 \ln \frac{2a}{d} \approx 36 \ln\left(\frac{2a}{d} - 1\right) \approx 51\sqrt{\frac{a}{d} - 1}\right)$$

for various values of a/d.

Card 1/1

AUTHOR: Gorenshteyn, I.V., Candidate of Technical Sciences, Itskhakin, V.I., Engineer and Merzheyevskiy, A.I., Candidate of Technical Sciences.

TITLE: Delay cables. (Kabeli zaderzhki.)

PERIODICAL: "Vestnik Elektropromyshlennosti" (Journal of the Electrical Industry) 1957, Vol. 28, No. 4, pp. 21 - 24 (U.S.S.R.)

ABSTRACT: In pulse radio technique artificial lines are being replaced by delay cables. These are uniform co-axial cables with a spiral internal conductor. They have a high inductance and a somewhat higher capacitance than normal cables.

The construction of delay cables is described. The inner wire is wound on an insulating core usually of polyethylene. When large delays are required a magnetic-dielectric core may be used. There are two main types of delay cable, those with thin layer insulation and an external wire which does not form a closed circuit for annular currents and those with thick layer insulation and closed circuit external wire. The thin layer insulation is usually wound from one or two tapes of polyethylene, fluoro plastic or styroflex some hundredths or tenths of a millimetre thick. Thick layer insulation usually consists of a solid polyethylene applied by extrusion. The principal data on two types of cable manufactured in the U.S.S.R. are tabulated. The influence of cable design on the electrical characteristics is examined. Magnetic dielectric cores are mainly used in connection with colour television at

Delay cables (Cont.

a frequency not greater than 5 - 6 Mc/s. Measurement procedure is described. Unlike a power cable a delay cable is usually an independent and not an auxiliary circuit element. Therefore, the procedure for measuring its characteristics is particularly important. Circuits are given for measurement of delay time, attenuation factor and wave resistance and for the measurement of damping.

4 figures, no literature references.

GORENSHTEYN, I.V.

Effect of screens on the quality factor of long one-layer coils.
Radiotekhnika 14 no.2:70-74 F '59. (MIRA 12:1)
(Induction coils)

KURDYUMOVA, T.N.; GORENSHTEYN, L.I.

Interaction of haloanthraquinones with primary aromatic amines. Part 2. Zhur.ob.khim. 33 no.7:2347-2349 Jl '63. (MIRA 16:8)

1. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley.

(Anthraquinones) (Amines)

KURDYUMOVA, T.N.; GORENSHTEYN, L.I.

Rearrangement of 1-bromoaminoanthraquinones. Zhur. org. khim. 1 no.7:1325-1328 Jl '65. (MIRA 18:11)

1. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley.

5491
S/119/62/000/003/002/009
D201/D303

1,7/00

AUTHORS: Golubev, L.A., Gorenshteyn, L.M., and Petrukhin, M.I.

TITLE: A method of fast exact multiplication of binary numbers in a digital computer

PERIODICAL: Priborostroyeniye, no. 3, 1962, 7 - 9

TEXT: The authors consider an exact multiplication method which obtains 2n-digit products with (n + 1)-digit adders and register. The method is based on an adder with a ring carry and a multiplicand register with a ring shift. Since in the process of multiplication the least significant digit of the multiplier does not affect the consecutive sums of partial products, when the first sum of partial products is formed, the digit which will not take part in further coding will be the 2n-th digit of the product and the (2n - k + 1)-th product digit in the forming of the k-th sum, where k - an integer between 1 and n. This least significant digit is formed at the adder at the beginning of the addition process. As a result, n free digits are formed in the adder which are used in each multi-

Card 1/2

A method of fast exact ...

plication cycle for receiving a carry forming a more significant digit of the next sum of partial products. This method makes it possible to obtain an n-digit product without approximation or with an approximation to the (n + 1)-th digit of the product. There are 2 figures.

Card 2/2

GOLUBEV, L.A.; GORENSHTEYN, L.M.

Method of accelerated division of binary numbers using a digital computer. Priborostroenie no.9:10-11 S '63. (MIRA 16:9)
(Electronic digital computers)

VELLER, V.I., GOLENSHTEYN, L.I.

Transition to centralized factory management. Leg.prom. 17 no.6:17 Je '57. (MLRA 10:8)

(Factory management)

GORENSHTEYN, L.P. (L'vov)

Wages for assembly-line work based on the output of the final operation. Shvein.prom. no.4:18 Jl-Ag '60. (MIRA 14:3)
(Lvov--Clothing industry)
(Piecework)

1. GORENSHTEYN, M. D., Engr.

2. USSR (600)

4. Serbinovskiy, G. V.

7. Remarks to M. S. Iokhvidov's and G. V. Serbinovskiy's article "On schemes for urban electric power networks in relation to multiple story building construction." Elektrichestvo No. 12, 1952

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

GORENSHTEYN, M.D., inzhener; KARAMAN, V.A., inzhener; GLEYZER, M.D., inzhener.

Rules concerning electrotechnical installations. Elektrichestvo no.8:73-76 Ag '53. (MLRA 6:8)

1. Novosibirskenergo (for Gorenshteyn). 2. Uralelektromontazh (for Karaman). 3. Uzbekskoye otdeleniye Vsesoyuznogo nauchnogo inzhenerno-tekhnicheskogo obshchestva energetikov (for Gleyzer). (Electric engineering)

GORENSHTEYN, M.D., inzhener.

Damage to steel parts of a large capacity transformer. Elek.sta. 24 no.11: 57-58 N '53. (MLRA 6:11)

(Electric transformers--Repairing)

GORENSHTEYN, M.D., inzhener.

Damaged steel of a transformer. Energetik 2 no.6:24-25 Je '54.
(Electric transformers--Repairing) (MLRA 7:7)

GORENSHTYEN, M.D.; LUKASHOV, E.S., kand.tekhn.nauk

Conference on half-wave tuned electric power transmission lines. Elektrichestvo no.8:85-88 Ag '61. (MIRA 14:10)

1. Predsedatel' Novosibirskogo pravleniya Nauchno-tekhnicheskogo obshchestva energeticheskoy promyshlennosti (for Gorenshteyn).
(Electric power distribution)

GORENSHTEYN, M.D.; ZIMEL'S, L.Sh.

Discussing I.T. Dashchenko and V.I. Marshevskii's article "Construction of low voltage electric networks in areas of individual housing construction." Prom.energ. 16 no.7:29-30 Jl '61. (MIRA 15:1)

1. Novosibirskiy sovnarkhoz (for Gorenshteyn). 2. Oblproyekt, g. Ternopol' (for Zimel's).
(Electric networks)
(Dashchenko, I.T.) (Marshevskii, V.I.)

GORENSHTEYN, M.D., inzh.

Decrease in the width of clearings for overhead power transmission lines. Elek. sta. 35 no.2:94-95 F '64.
(MIRA 17:6)